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DECEMBER 04, 2000

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NEEDLE & ROSENBERG, P.C. GWENDOLYN D. SPRATT, ESQ. SUITE 1200, THE CANDLER BUILDING 127 PEACHTREE STREET, N.E. ATLANTA, GA 30303-1811 UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office
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BRIEF: ASSIGNMENT OF ASSIGNOR''S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

CHIORINI, JOHN A.

DOC DATE: 09/06/2000

ASSIGNOR:

KOTIN, ROBERT M.

DOC DATE: 09/06/2000

ASSIGNOR:

SAFER, BRIAN

DOC DATE: 09/06/2000

ASSIGNEE:

HEALTH AND HUMAN SERVICES, THE
GOVERNMENT OF THE UNITED STATES
OF AMERICA, AS REPRESENTED BY
THE SECRETARY, DEPARTMENT OF
C/O NATIONAL INSTITUTES OF HEALTH
OFFICE OF TECHNOLOGY TRANSFER,
6011 EXECUTIVE BOULEVARD, SUITE
325

ROCKVILLE, MARYLAND 20852

DOCKETED

By ON W Date 12/11/20

Reviewed PWF 12/11/00

Name / Date

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SERIAL NUMBER: 09533427

PATENT NUMBER:

FILING DATE: 03/22/2000 ISSUE DATE:

MARCUS KIRK, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office



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HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS:

Please record the attached original documents or copy thereof. Name and address of receiving party(ies) Name of conveying party(ies): JOHN A. CHIORINI, 1.

ROBERT M. KOTIN and BRIAN SAFER

Additional names of conveying party(ies) attached?

[] YES

TX1 NO

2.

The Government of the United States of America, as represented

by the Secretary, Department of Health and Human

Services

c/o National Institutes of Health Office of Technology Transfer .6011 Executive Boulevard, Suite 325 Rockville, Maryland 20852

Additional name(s) and address(es) attached?

ON [X] [] YES -

			,	· · · · · · · · · · · · · · · · · · ·		
3.	Nature of conveyance:					
x	Assignment	Merger		Other		
	Security Agreement	Change of Nam	e .			
	Execution Date: September 6,	2000				
4.	Application number(s) or pate If this document is being fil March 22, 2000)		appli	cation, the execution da	te of the applicati	ion is: (filed
Α.	Patent Application No.(s): 0	9/533,427	В	Patent No.(s):		
	Additional numbers attached?		٠.		· · · · · · · · · · · · · · · · · · ·	·
5.	Name and address of party to concerning document should be	whom correspondence mailed:	6.	Total number of appl	ications and paten	ts involved: 1
	Guendolyn D. Snratt	Fsg.			*	4

Total fee (37 CFR 3.41):

10/18/2000 MTHAIL 00000062 09533427

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NEEDLE & ROSENBERG, P.C. Suite 1200, The Candler Building 127 Peachtree Street, N.E. Atlanta, Georgia 30303-1811

(404) 688-0770

[] Authorized to be charged to Deposit Account.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any

overpayment, to Deposit Account No. 14-0629.

8. Deposit account number: 14-0629

(Attach duplicate copy of this form if paying by deposit account)

\$40.00

9. To the best of my knowledge and belief true copy of the original document. Muchology 8.	, the foregoing information is true and correct and any attached copy is a $9-25-00$
Gwendolyn D. Spratt	Date
Reg. No. 36,016	
	Total Number of Pages Including Cover Sheet, Attachments, and Document: 6
I hereby certify that this corresponde mail in an envelope addressed to: BOX ASSIGNME date shown below. Gwendolyn D. Spratt	nce is being deposited with the United States Postal Service as first class ENT, Commissioner of Patents and Trademarks, Washington, D.C. 20231, on the

ASSIGNMENT

WHEREAS, JOHN A. CHIORINI, ROBERT M. KOTIN, AND BRIAN SAFER, employees of the Department of Health and Human Services, have invented "AAV5 VECTOR FOR TRANSDUCING BRAIN CELLS AND LUNG CELLS", for which we have made application for Letters Patent of the United States, Serial No. 09/533,427, filed March 22, 2000; and

WHEREAS, we are the applicant(s) named in the above-identified application for Letters Patent; and

WHEREAS, the conditions under which said invention was made are such as to entitle THE UNITED STATES OF AMERICA [hereinafter THE GOVERNMENT] under Paragraph 1(a) of Executive Order 10096 to the entire right, title, and interest herein, both domestic and foreign; and

WHEREAS, THE GOVERNMENT is desirous of acquiring all domestic and foreign right, title, and interest in the above-mentioned invention described in the application for Letters Patent; and

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we hereby assign and transfer to THE GOVERNMENT, represented by the Secretary, Department of Health and Human Services, the full and exclusive rights in and to said invention in the United States and within each and every foreign country in which THE GOVERNMENT elects to file and the entire right, title, and interest in and to such application, and any subsequent application claiming priority to the above-identified application under 35 U.S.C. § 119(e), continuation, continuation-in-part, division, reissue, reexamination, or extension thereof, and including priority rights as may be filed in the United States and foreign countries, and such Letters Patent as may be granted to be held by THE GOVERNMENT to the end of the

term for which the same would have been held by the inventors had this assignment not been made.

We further agree to make, execute, and deliver to the Secretary, Department of Health and Human Services, upon request, any and all papers, documents, affidavits, or other instruments that may be necessary in the prosecution of any application or applications for improvements or reissues of Letters Patent, and to assist **THE GOVERNMENT** in every way as may be requested in protecting said invention, provided that any expense of extending such assistance shall be paid by **THE GOVERNMENT**.

		/	, con
IN WITNESS WHEREOF, I have exec	cuted this Assignmen	it this6	day of \mathcal{A}
2000.	$\int \mathcal{A} d$		/
IOI	-NA CHIORINI	/- 	(L.S.)
JOI	IN A. CHIOKINI		
State of Maryland			
County of Montgraveris			
On this 65 day of September	2000, before	e me, a Notary	Public, came
TOUN A CHIORINI to me known and known	to be the individual d	escribed in and	d who
executed the foregoing assignment, and he duly	acknowledged the sar	me to be his fr	ee act and
deed.		•	
SHARON M. MITCHELL NOTARY PUBLIC STATE OF MARYLAND My Commission Expires May 28, 2003	. •	r	
VI > con la tal all	-		
phason -11.7 wickell		•	
Notary Public			

My Commission Expires: $\frac{5}{23}/3003$

ATTORNEY DOCKET NO. 14014.0323U2 Page 3 of 4

IN WITNESS WHEREOF, I have executed this Assignment this 6th day of September, 2000.
ROBERT M. KOTIN (L.S.
State of Maryland
County of Montgomery
On this 6th day of September , 2000, before me, a Notary Public, came ROBERT M. KOTIN, to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed.
THERESA W. LUMSDEN Notary Public Notary Public Montgomery Co., MD My Comm. Exps. Apr. 1, 2003 My Commission Expires:

ATTORNEY DOCKET NO. 14014.0323U2 Page 4 of 4

IN WITNESS WHEREOF, I September , 2000.	have executed this Assignment this 6th day of
	Auslefer (L.S
	Brian Safer (L.S
State of Maryland	
County of Montgomery	
came BRIAN SAFER, to me known a	2000, before me, a Notary Public, and known to be the individual described in and who and he duly acknowledged the same to be his free act and
deed.	
There W. Lunder	THERESA W. LUMSDEN Notary Public
Notary Public	Montgomery Co., MD My Comm. Exps. Apr. 1, 2003
My Commission Expires:	